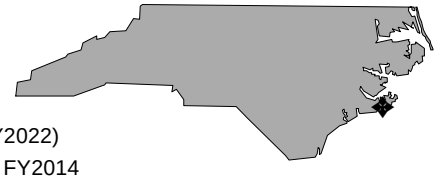
Cherry Point Marine Corps Air Station NPL

Size: 27,715 acres
Mission: Maintain and operate support facilities; provide services and materials for marine aircraft
HRS Score: 70.71; placed on NPL in December 1994
IAG Status: Federal Facility Agreement under negotiation
Contaminants: PCBs, petroleum hydrocarbons, and solvents
Media Affected: Groundwater and soil
Funding to Date: $47.8 million
Estimated Cost to Completion (Completion Year): $79.3 million (FY2022)
Final Remedy in Place or Response Complete Date for All Sites: FY2014



Cherry Point, North Carolina

Restoration Background

The station conducted an Initial Assessment Study in FY83 that identified 32 sites. A RCRA Facility Assessment performed in FY88 identified 114 solid waste management units (SWMUs). The installation and EPA negotiated a Consent Order in FY90 in which the Navy and EPA agreed to perform additional investigations at 32 of the 114 sites.

The installation characterized 22 underground storage tank (UST) sites between FY91 and FY95 and completed corrective action plans (CAPs) for 2 UST sites in FY93 and 1 UST site in FY94. During FY95, a corrective measures study was initiated for five sites and completed for one site. The installation completed corrective measures implementation for two sites and a Time-Critical Removal Action for one site. Characterizations were completed for three UST sites, and a CAP was completed for one UST site.

A technical review committee was established in FY91. Two information repositories were established in FY93. The installation's Restoration Advisory Board was established and a community relations plan was completed in FY95. The installation has established a formal partnering process with EPA Region 4 and the State of North Carolina. During FY96, the installation completed Remedial Investigation/Feasibility Studies (RI/FSs) for two sites and nine Proposed Remedial Action Plans (PRAPs). CAPs were completed at six UST sites, and designs were completed at three UST sites. A Baseline Risk Assessment is under way for all sites.

In FY97, an RI/FS was initiated for two sites and completed for four additional sites. PRAPs were prepared for two sites and completed at three additional sites. Remedial Action (RA) was initiated for eight sites and completed for four additional sites. An Engineering Evaluation and Cost Analysis was completed for one site. Three Records of Decision (RODs) were completed, but were not signed because of a deed restriction. The following technologies and techniques were implemented: a horizontally drilled product slurping system installed beneath an aircraft hangar; natural attenuation for a 40-acre contaminated landfill; a facilitywide process for developing and maintaining the quality assurance plan; site background data and decision documents to streamline fieldwork.

FY98 Restoration Progress

A Time-Critical Removal Action and a corresponding Action Memorandum were completed for a new site. Interim RAs were completed for Operable Unit (OU) 1, which contains seven sites, and Sites 16 and 85. The RA for OU3 was delayed because of budget cuts. An RI/FS was initiated for OU6, which consists of two sites. Data gap work plans were completed for OUs 2, 4, and 13, which contain a total of eight sites. A comprehensive RI/FS work plan was initiated for OU1, a highly contaminated area consisting of over 100 sites, SWMUs, and areas of concern (AOCs). Implementation of institutional controls delayed the signing of two RODs covering six sites. A corrective measures study was completed for Sites 7 through 9. The installation uses recovered fuel to power steam plants to reduce costs and lower air emissions. A stationwide field sampling plan streamlined project plans.

Federal Facility Agreement negotiations began. The installation created searchable administrative records and an environmental Web page to improve access to documents and historical information about the installation. The installation completed a quality assurance plan, a decision process document, a project description document, and a system to facilitate the management of work for team members.

Plan of Action

- Initiate RI fieldwork for OU1, which consists of 20 sites, SWMUs, and AOCs, in FY99
- Prepare Remedial Action Operation Plan and conduct operations and monitoring for OU 1, 2, and 3 treatment systems in FY99
- Construct RA treatment system at one site at OU3 in FY99
- Complete initial construction for one site at OU1 in FY99
- Complete draft RI for five sites at OUs 4, 6, and 13 in FY99
- Complete RI work plan for a new site in FY99

FY99 Funding by Phase and Relative Risk